

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G06F17/30 G06K9/34 G11B27/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06F G06K G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 1 170 679 A (MITSUBISHI ELECTRIC CORP) 9 January 2002 (2002-01-09) paragraphs '0029!', '0033! - '0039!; figures 1,2	1-22
Y	DIMITROVA N ET AL: "VIDEO CLASSIFICATION BASED ON HMM USING TEXT AND FACES" SIGNAL PROCESSING : THEORIES AND APPLICATIONS, PROCEEDINGS OF EUSIPCO, XX, XX, vol. 3, 4 September 2000 (2000-09-04), pages 1373-1376, XP008021100 page 1373, column 1, paragraph 1 - paragraph 2 page 1374, column 2, paragraph 2 - page 1375, column 2, paragraph 1 ----- -/--	1-22

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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- *G* document member of the same patent family

Date of the actual completion of the international search

16 December 2004

Date of mailing of the international search report

21/01/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>AHANGER G ET AL: "VIDEO QUERY FORMULATION" 9 February 1995 (1995-02-09), PROCEEDINGS OF THE SPIE, SPIE, BELLINGHAM, VA, US, PAGE(S) 280-291 , XP000571790 ISSN: 0277-786X the whole document</p>	1-22
A	<p>WEI G ET AL: "TV program classification based on face and text processing" 30 July 2000 (2000-07-30), MULTIMEDIA AND EXPO, 2000. ICME 2000. 2000 IEEE INTERNATIONAL CONFERENCE ON NEW YORK, NY, USA 30 JULY-2 AUG. 2000, PISCATAWAY, NJ, USA, IEEE, US, PAGE(S) 1345-1348 , XP010512754 ISBN: 0-7803-6536-4 page 1346, column 2 - page 1347, column 1</p>	1,12-15, 19-22
A	<p>US 6 608 930 B1 (AGNIHOTRI LALITHA ET AL) 19 August 2003 (2003-08-19) cited in the application column 10 - column 13</p>	1,6,10, 12,14
A	<p>KIJAK E ET AL: "Hierarchical structure analysis of sport videos using hmms" IEEE, vol. 2, 14 September 2003 (2003-09-14), pages 1025-1028, XP010670569 page 1025, column 2, paragraph 2 - page 1026, column 1, paragraph 2</p>	1-5, 16-18

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2004/051902

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1170679	A	09-01-2002	US 6763069 B1	13-07-2004
			CN 1337828 A	27-02-2002
			EP 1170679 A2	09-01-2002
			JP 2002077906 A	15-03-2002
			US 2002018594 A1	14-02-2002
US 6608930	B1	19-08-2003	CN 1295690 T	16-05-2001
			WO 0045291 A1	03-08-2000
			EP 1066577 A1	10-01-2001
			JP 2002536853 T	29-10-2002
			US 6731788 B1	04-05-2004